

IN THE CLAIMS

1 (Currently Amended). A method comprising:

enabling a plurality of first wireless devices in a first wireless piconet to communicate using a first wireless protocol having a first range;

enabling a plurality of second wireless devices in a second wireless piconet to communicate using a second wireless protocol having a second range;

enabling the first and second wireless piconets to communicate with one another at a distance between the networks greater than the first or the second range;

said first wireless piconet including a third device that communicates using said first wireless protocol and a third wireless protocol different from said first wireless protocol, said third wireless protocol having a range greater than said first and second ranges; and

said second wireless piconet including a fourth wireless device that communicates using said second wireless protocol and said third wireless protocol.

~~enumerating a plurality of devices in a first radio frequency network;~~

~~communicating address information about the devices in said first radio frequency network over a non radio frequency network to a second radio frequency network; and~~

~~making the address information about the devices in the first radio frequency network available to devices in said second radio frequency network.~~

2 (Original). The method of claim 1 including automatically enumerating a plurality of devices in a Bluetooth radio frequency network.

Claim 3 (Canceled).

4 (Currently Amended). The method of claim 1 including communicating information about said first wireless piconet ~~radio frequency network~~ over a telephone network.

5 (Currently Amended). The method of claim 1 including enumerating a plurality of devices in a second ~~radio frequency network~~ wireless piconet.

6 (Currently Amended). The method of claim 5 including combining said first and second piconets ~~radio-frequency-networks~~ into a combined radio frequency network.

7 (Currently Amended). The method of claim 6 including enabling any device in said first wireless piconet ~~radio-frequency-network~~ to communicate through a telephone call with any device in said second ~~radio-frequency-network~~ wireless piconet.

8 (Currently Amended). The method of claim 7 including transmitting data between said first and second wireless piconets ~~radio-frequency-networks~~ through said telephone call at the same time that a voice communication is ongoing between a device in said first wireless piconet ~~radio-frequency-network~~ and a device in said second ~~radio-frequency-network~~ wireless piconet.

9 (Currently Amended). The method of claim 8 including enumerating a cellular telephone as said ~~first and second telephones~~ third and fourth devices.

10 (Currently Amended). The method of claim 9 wherein one of said cellular telephones acts as a proxy for the devices in said first wireless piconet ~~radio-frequency-network~~ and the other of said cellular telephones acts as a proxy for the devices in said second ~~radio-frequency-network~~ wireless piconet.

11 (Currently Amended). An article comprising a computer storage medium storing instructions that, if executed, enable a processor-based system to:

enable a plurality of first wireless devices in a first wireless piconet to communicate using a first wireless protocol having a first range;

enable a plurality of second wireless devices in a second wireless piconet to communicate using a second wireless protocol having a second range;

enable the first and second wireless piconets to communicate with one another at a distance between the networks greater than the first or the second range;

said first wireless piconet including a third device that communicates using said first wireless protocol and a third wireless protocol different from said first wireless protocol, said third wireless protocol having a range greater than said first and second ranges; and

said second wireless piconet including a fourth wireless device that communicates using said second wireless protocol and said third wireless protocol.

~~enumerate a plurality of devices in a first radio frequency network;~~

~~communicate address information about the devices in said first radio frequency network over a non-radio frequency network to a second radio frequency network; and~~

~~make the address information about the devices in the first radio frequency network available to devices in said second radio frequency network.~~

12 (Original). The article of claim 11 further storing instructions that enable the processor-based system to automatically enumerate a plurality of devices in a Bluetooth radio frequency network.

13 (Currently Amended). The article of claim 11 further storing instructions that enable the processor-based system to develop enumeration data for a plurality of devices in the ~~[[a]] first wireless piconet radio frequency network~~ and communicate that enumeration data over a non-radio frequency network.

14 (Currently Amended). The article of claim 13 further storing instructions that enable the processor-based system to develop communications about said first wireless piconet ~~radio frequency network~~ over a telephone network.

15 (Currently Amended). The article of claim 11 further storing instructions that enable the processor-based system to receive enumeration data from a plurality of devices in a second wireless piconet ~~radio frequency network~~ coupled to said first wireless piconet ~~radio frequency network~~ by said non-radio frequency network.

16 (Currently Amended). The article of claim 15 further storing instructions that enable said processor-based system to combine said first and second wireless piconet ~~radio frequency network~~ enumeration data to develop a combined radio frequency network.

17 (Currently Amended). The article of claim 16 further storing instructions that enable the processor-based system to enable any device in said first wireless piconet ~~radio frequency network~~ to communicate with any device in said second radio frequency network.

18 (Currently Amended). The article of claim 17 further storing instructions that enable the processor-based system to transmit data from said first to said second wireless piconet ~~radio frequency network~~ via said call at the same time that a voice communication is ongoing between a device in said first wireless piconet ~~radio frequency network~~ and a device in said second ~~frequency network~~ wireless piconet.

19 (Original). The article of claim 18 further storing instructions that enable the processor-based system to implement cellular radio frequency communications.

20 (Currently Amended). The article of claim 19 further storing instructions that enable said third device which is a cellular telephone in said first wireless piconet ~~radio frequency network~~ to act as a proxy for other devices in said first ~~radio frequency network~~ wireless piconet.

21 (Currently Amended). A device comprising:
a radio frequency receiver;
a radio frequency transmitter; and
a processor to communicate using a first wireless protocol with devices in a first wireless piconet having a first range and to communicate with devices in a second wireless piconet using a second wireless protocol having a second range over a third wireless protocol having a range greater than said first or second range. ~~enumerate devices in a first radio frequency network and to enumerate a plurality of devices in a first radio frequency network, communicate address information about the devices in said first radio frequency network over a~~

~~non-radio frequency network to a second radio frequency network, and make the address information about the devices in the first radio frequency network available to devices in said second radio frequency network.~~

22 (Original). The device of claim 21 wherein said radio frequency transmitter includes a cellular radio frequency transmitter.

23 (Original). The device of claim 22 wherein said transmitter includes a Bluetooth transmitter.

24 (Original). The system of claim 21 including a transmitter to transmit information over at least two different radio frequency networks as well as a telephone network.

25 (Original). The device of claim 24 including a transmitter to transmit over a cellular telephone network and a Bluetooth network.

26 (Original). The device of claim 21 wherein said processor is programmed to receive enumeration data over a non-radio frequency network so as to combine the first radio frequency network with a second radio frequency network over said non-radio frequency network.

27 (Original). The device of claim 21 including a receiver and a transmitter to implement a telephone link while simultaneously exchanging data received over a separate radio frequency link.

28 (Original). The device of claim 21 wherein said transmitter packetizes voice data.

29 (Original). The device of claim 28 wherein said transmitter packetizes enumeration data and transmits it with packetized voice data.

30 (Original). The device of claim 29 wherein said device is a Bluetooth and cellular transceiver.